

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A device for removing a guide catheter from about a linear object having a diameter positioned within a lumen of the guide catheter, the device comprising:
 - a body with a front edge, a rear edge, an upper edge and a lower edge;
 - a web extending from the lower edge of the body, the web including an upper portion and a lower portion having a web lower edge, the upper portion connected directly to the lower edge of the body;
 - a distal lead management segment having an outer surface and including a resiliently[[,]] deformable side opening member defining extending in an arcuate manner from the lower portion of the web to a free edge so as to define a central opening having an inner diameter sized to engage the linear object, the web lower edge and the free edge spaced apart from one another such that they define a longitudinal side opening and a central opening sized to engage the linear object, the side opening having a first dimension, the first dimension of the side opening being smaller than a the diameter of the linear object and the inner diameter of the central opening, the side opening member configured to deform away from the lower edge of the lead body such that the free edge is moveable relative to the web lower edge so as to enlarge the side opening such that the linear object can be snapped into the central opening through the side opening and, the side opening member further configured to retain the linear object within the central opening, the distal lead management segment ~~connected~~ extending directly ~~to from~~ the lower portion of the web opposite the lower edge of the body such that the web extends directly from the lower edge of the body to the distal lead management segment, the distal lead management segment disposed between the front edge and the rear edge of the body and adapted so that the guide catheter may pass about the outer surface of the distal segment ~~as with~~ the linear object ~~passes through~~ positioned within the central opening of the distal lead management segment;
 - a blade mounted between the lower edge of the body and the outer surface of the distal segment and supported by the web;

the blade including a first cutting portion extending from the lower edge of the body which is angled from the front edge toward the rear edge as the first cutting portion extends toward the distal segment;

the blade including a second cutting portion extending from the distal segment toward the lower edge of the body which is angled from the front edge toward the rear edge as the second cutting portion extends toward the lower edge of the body;

the first and second cutting portions of the blade forming a notch between the lower edge and the distal segment; and

the blade positioned to engage the guide catheter as the guide catheter passes about the outer surface of the distal segment.

2. (Original) The device of claim 1, wherein the notch is positioned proximate the distal segment.

3. (Original) The device of claim 1, wherein the device further includes a proximal segment with an arcuate side opening member defining a central opening, the proximal segment extending from the lower edge adjacent the rear edge and aligned with the distal segment, the central opening of the proximal segment sized to engage the linear object.

4. (Canceled)

5. (Previously Presented) The device of claim 1, wherein the arcuate side opening member of the distal segment includes a forward smaller diameter portion and a rearward larger diameter portion.

6. (Original) The device of claim 5, wherein the web includes a pair of laterally extending opposing wings positioned rearward of the cutting portions of the blade, each wing angled rearward and downward to deflect the catheter from about the outer surface of the distal segment as the linear object passes through the distal segment.

7. (Previously Presented) The device of claim 6, wherein the distal segment defines a transition point between the smaller and the larger diameter portions and the wings are positioned adjacent the transition point.

8. (Previously Presented) The device of claim 5, wherein a nose extends forward from the smaller diameter portion of the distal segment and the nose is adapted to be inserted within and engage the lumen of the guide catheter.

9. (Currently Amended) An assembly comprising:
a guide catheter including a lumen;
a pacemaker lead having a diameter and including a distal end and terminal end[,], with a lead body extending therebetween, the pacemaker lead receivable within the lumen of the guide catheter;

a cutter for removing the guide catheter from about the lead after placement of the lead, the cutter including:

a body with a front edge and a lower edge;

a web extending from the lower edge of the body, the web including an upper portion and a lower portion having a web lower edge, the upper portion connected directly to the lower edge of the body;

a lead management segment having an outer surface and including a resiliently, deformable side opening member defining extending in an arcuate manner from the lower portion of the web to a free edge so as to define a central opening having an inner diameter sized to engage the lead, the web lower edge and the free edge spaced apart from one another such that they define a longitudinal side opening and a central opening sized for engaging the lead, the side opening having a first dimension smaller than [[a]]the diameter of the lead, the side opening member configured to be deformable deform away from the lower edge of the body such that the free edge is moveable relative to the web lower edge to allow the lead to be snapped into the central opening and, the side opening member further configured to retain the lead within the central opening, the lead management segment connected to extending directly to from the lower portion of the web opposite the lower edge of the body, such that the web extends directly from the lower edge of the body to the lead management segment, the lead management segment

adapted so that the guide catheter body passes over the outer surface of the lead management segment when the lead is within the central opening;

a blade extending between the body and the lead management segment supported by the web, the blade including a first portion extending from the body toward the lead management segment angling rearward with respect to the front edge and a second portion extending from the lead management segment toward the body angling rearward with respect to the front edge, the first and second portions forming a notch;

the cutter positioned about the lead adjacent the terminal end with the blade positioned to engage the guide catheter.

10. (Withdrawn) A method of removing a guide catheter from about an implantable cardiac lead comprising:

providing the implantable lead with a terminal end and a distal end and a lead body extending therebetween, the guide catheter with a proximal end and a distal end and a linear body extending therebetween and a fitting mounted at the proximal end, the lead positioned within a lumen extending through the linear body of the guide catheter with the terminal end of the lead extending from the fitting mounted at the proximal end of the guide catheter;

providing a cutter including a body with a front edge, a rear edge and a lower edge, a web extending from the lower edge and including a blade arranged toward the front edge, the web including a lead management segment on the web opposite the lower edge, the lead management segment including an arcuate side opening member defining a central opening for receiving the lead body, the blade including a lower cutting edge adjacent the lead management segment extending rearwardly toward the lower edge and an upper cutting surface adjacent the lower edge extending rearwardly toward the lead management segment, the upper and lower cutting edges defining a notch in the blade;

positioning a cutter about the lead body with the lead body positioned within the lead management segment and the front edge of the cutter toward the proximal end of the guide catheter;

engaging the fitting of the guide catheter with the blade;

holding the lead in position relative to the cutter and drawing the guide catheter rearward

along the lead so that the blade engages and slits the guide catheter; and
removing the slit guide catheter from about the lead.

11. (Original) The device of claim 1, wherein the web includes a pair of laterally extending opposing wings positioned rearward of the cutting portions of the blade, each wing angled rearward and downward to deflect the catheter from about the outer surface of the distal segment as the linear object passes through the distal segment.